



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
W001-5065SERIAL NO.  
10/616,383

## LIST OF PRIOR ART CITED BY APPLICANT

## APPLICANT

Toshinari MATSUURA et al.

## FILING DATE

July 9, 2003

## GROUP

3744 3748

## U.S. PATENT DOCUMENTS

| *  | DOCUMENT NO. |   |   |   |   |   |   |   | DATE     | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----|--------------|---|---|---|---|---|---|---|----------|-----------------|-------|----------|----------------------------|
| TT | AA           | 4 | 8 | 6 | 7 | 6 | 5 | 8 | 09-19-89 | Sugita et al.   | 418   | 78       |                            |
| TT | AB           | 4 | 9 | 3 | 6 | 7 | 6 | 1 | 06-26-90 | Hasegaki et al. | 418   | 84       |                            |
| AC |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AD |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AE |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AF |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AG |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AH |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AI |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AJ |              |   |   |   |   |   |   |   |          |                 |       |          |                            |
| AK |              |   |   |   |   |   |   |   |          |                 |       |          |                            |

## FOREIGN PATENT DOCUMENTS

| *  | DOCUMENT NO. |  |  |  |  |  |  |  | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|----|--------------|--|--|--|--|--|--|--|------|---------|-------|----------|-------------|
|    |              |  |  |  |  |  |  |  |      |         |       |          | YES         |
| AL |              |  |  |  |  |  |  |  |      |         |       |          |             |
| AM |              |  |  |  |  |  |  |  |      |         |       |          |             |
| AN |              |  |  |  |  |  |  |  |      |         |       |          |             |
| AO |              |  |  |  |  |  |  |  |      |         |       |          |             |
| AP |              |  |  |  |  |  |  |  |      |         |       |          |             |
| AQ |              |  |  |  |  |  |  |  |      |         |       |          |             |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |    |  |
|----|----|--|
| TT | AR | PATENT ABSTRACTS OF JAPAN vol. 006, no.249 (M-177), 8 December 1982 (1982-12-08)   |
| TT | AS | JP 57-146092 A (MATSUSHITA DENKI SANGYO KK), 9 September 1982 (1982-09-09)         |
| TT | AS | PATENT ABSTRACTS OF JAPAN vol. 008, no.043 (M-279), 24 February 1984 (1984-02-24)  |
| TT | AS | JP 58 197491 A (TOYODA JIDO SHOKKI SEISAKUSHO KK), 17 November 1983 (1983-11-17)   |
| TT | AT | PATENT ABSTRACTS OF JAPAN vol. 013, no.418 (M-871), 18 September 1989 (1989-09-18) |
| TT | AT | JP 01 155095 A (SUZUKI MOTOR CO LTD), 16 June 1989 (1989-06-16)                    |

EXAMINER:

*[Signature]*

DATE CONSIDERED:

JULY 1, 2004

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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| FORM PTO-1449                        | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>W001-5065          | SERIAL NO.<br>10/616,383 |
| LIST OF PRIOR ART CITED BY APPLICANT |  | APPLICANT<br>Toshinari MATSUURA et al. |                          |
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| *                     | DOCUMENT NO. |  | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
| AU                    |              |  |      |      |       |          |                                  |
| AV                    |              |  |      |      |       |          |                                  |
| AW                    |              |  |      |      |       |          |                                  |
| AX                    |              |  |      |      |       |          |                                  |
| AY                    |              |  |      |      |       |          |                                  |
| AZ                    |              |  |      |      |       |          |                                  |
| BA                    |              |  |      |      |       |          |                                  |
| BB                    |              |  |      |      |       |          |                                  |
| BC                    |              |  |      |      |       |          |                                  |
| BD                    |              |  |      |      |       |          |                                  |
| BE                    |              |  |      |      |       |          |                                  |

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| BF                       |              |  |      |         |       |          |                            |
| BG                       |              |  |      |         |       |          |                            |
| BH                       |              |  |      |         |       |          |                            |
| BI                       |              |  |      |         |       |          |                            |
| BJ                       |              |  |      |         |       |          |                            |
| BK                       |              |  |      |         |       |          |                            |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)  |              |  |              |  |  |  |
|--|--------------|--|--------------|--|--|--|
| TT   | BL           | PATENT ABSTRACTS OF JAPAN vol. 009, no.311 (M-436), 7 December 1985 (1985-12-07) |              |  |  |  |
|  |              | JP 60 145476 A (MATSUSHITA DENKI SANGYO KK), 31 July 1985 (1985-07-31)           |              |  |  |  |
|  | BM           |  |              |  |  |  |
|  |              |  |              |  |  |  |
|  | BN           |  |              |  |  |  |
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